

ATTACHMENT B Amendments to the Specification

Please insert the following new paragraphs at page 11, after line 20 (last line):

The invention may also be described as follows, which description is the full equivalent of the preceding discussion. An upper part 2 has an upper surface 5 for engaging a vertebrae and a lower surface which comprises a downward pointing protrusion 10 between side recesses 9 and a rounded portion, preferably in the form of a concave spherical indentation 12. A lower part 3 has a lower surface 13 for engaging a vertebrae. A pivot insert 4, when joined to the lower part 3, as shown for example in Figure 3, provides a convex upper surface portion 25, preferably spherical, in operational engagement with the rounded portion 12 of the upper part.

The lower part 3 and pivot insert 4 may, taken together, be described as a lower part formed in two pieces, namely the elements 3 and 4, wherein the element 3 may be referred to as a lower piece and the element 4 may be referred to as an upper piece.

The upper and lower parts include on their upper surface and lower surface, respectively, protrusions 7 and 14 which may also be referred to as anchors, which anchor the upper and lower parts, respectively, into the adjacent vertebrae that form the intervertebral space and rest against the respective upper and lower surfaces.

As shown in the figures, the anchors 6 and 14 each have a zigzag edge which comprise teeth. As best shown in Figure 7, anchor 6 is greater in height than the remainder of the upper part 2, i.e., from surface 5 to the bottom of protrusion 10. Similarly, anchor 14 is greater in height than the remainder of the lower part 3, i.e., from lower surface 13 to the top of walls 16, 17 and 18. As also shown in the figures, in the

preferred embodiment, the length of the anchors 6 and 14, i.e., in the direction from the anterior to the posterior thereof, is greater than one half of the overall dimension of its respective part from its anterior to its posterior, passing through that anchor.

The lower part comprises three walls including parallel side walls 16 and 17 and a rear wall 18. These walls form between them a central indentation 19 which comprises a recess with a generally flat surface. The fourth side of the recess is open. The pivot insert 4 has a detent 28 that snap-fits into a detent recess 29 formed in the generally flat surface of recess 19.

As best shown in Figures 2, 4 and 5, in the absence of pivot insert 4, the protrusion 10 of upper part 2 can fit down between walls 16, 17 and 18 of the lower part 2. This fitting of protrusion 10 within the recess 19, surrounded by walls 16, 17 and 18 may be referred to as "nesting" since the protrusion 10 essentially "nests" within recess 19. With the upper and lower parts in this nested condition, as shown in Figures 4 and 5, the combined height of the upper and lower parts 2 and 3, i.e., the height from surface 13 to surface 5, is less than the total additive height of the upper and lower parts, taken separately, i.e., less than the total of the height from surface 13 to the top of walls 16, 17 and 18 plus the height from surface 5 to the bottom of protrusion 10.

To reach its final destination within an intervertebral space, the implant must of course be moved along a path from outside of the patient, into the patient, and then into the intervertebral space. In the illustrated embodiment, as described above, instruments would engage apertures 20, 21, 22 and 23 to move the implant along a path. The anchors 6 and 14 are parallel to this path. As a point of reference, lateral

planes parallel to the direction of this path pass through opposed side surfaces of the parts. Thus, in the illustrated embodiment, the path would be parallel to the front to rear (anterior to posterior) direction, wherein, during insertion, the rear (posterior) of the implant would constitute the lead end and the front (anterior) thereof would constitute the trailing end.

Although the invention has been described in detail with respect to preferred embodiments thereof, it will be apparent that the invention is capable of numerous modifications and variations, apparent to those skilled in the art, without departing from the spirit and scope of the invention.